## EAST Search History

| Ref # | Hits | Search Query                                                                                                                                                                                                                                            | DBs                          | Default<br>Operator | Plurals | Time Stamp          |
|-------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------------|---------|---------------------|
| L3    | 132  | bouldin.in.                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT           | OR                  | ON      | 2009/02/26<br>14:07 |
| L4    | 20   | L3 and ("430"/\$.ocls.)                                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT           | OR                  | ON      | 2009/02/26<br>14:07 |
| L5    | 19   | L4 and (glass or dielectric or silica)                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT           | OR                  | ON      | 2009/02/26<br>14:07 |
| L6    | 1046 | (silver with (diffus\$3 or<br>migrat\$3 or embed\$4)<br>with glass)                                                                                                                                                                                     | US-PGPUB;<br>USPAT           | OR                  | ON      | 2009/02/26<br>14:20 |
| L7    | 76   | 6 and ("430"/\$.ccls.)                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT           | OR                  | ON      | 2009/02/26<br>14:20 |
| L8    | 0    | 7 and 5                                                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT           | OR                  | ON      | 2009/02/26<br>14:20 |
| L9    | 0    | 3 and 7                                                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT           | OR                  | ON      | 2009/02/26<br>14:21 |
| L10   | 1    | "4567104".pn.                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT           | OR                  | ON      | 2009/02/26<br>14:59 |
| L13   | 7    | L3 and ("428"/\$.ccls.)                                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT           | OR                  | ON      | 2009/02/26<br>16:02 |
| L14   | 1    | "4286052".pn.                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT           | OR                  | ON      | 2009/02/26<br>17:14 |
| L16   | 20   | ("3419370"   "3541330"  <br>"3938977"   "4057408"  <br>"4118214"   "4125404"  <br>"4160654"   "4191547"  <br>"4287018"   "4290794"  <br>"4297417"   "4405672"  <br>"4478677"   "4530736"  <br>"4567104"   "4670366"  <br>"4756733"   "4894303").<br>PN. | US PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2009/02/26<br>17:15 |
| L17   | 4257 | (silver with ion) same color<br>\$3                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2009/02/26<br>18:37 |
| L18   | 185  | (silver with ion) near3 color\$3                                                                                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2009/02/26<br>18:37 |
| L19   | 232  | (silver near1 ion) near3 color\$3                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2009/02/26<br>18:37 |
| L20   | 16   | (silver near1 ion) with (index near2 refraction)                                                                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2009/02/26<br>18:52 |

| L21        | 4      | ("3836348"   "3857689"  <br>"3880630"   "4155735").<br>PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/02/26<br>18:58 |
|------------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----|----|---------------------|
| L22        | 7      | ("4913717").URPN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | USPAT                        | OR | ON | 2009/02/26<br>19:09 |
| L23        | 2      | 22 and laser                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | USPAT                        | OR | ON | 2009/02/26<br>19:10 |
| L24        | 62     | ("2314804"   "2455719"   "2468402"   "2732298"   "2904432"   "2911749"   "2927042"   "3370948"   "3488624"   "3509882"   "3510371"   "3515587"   "3528847"   "3542612"   "3551304"   "35615318"   "3563729"   "3652295"   "3650720"   "365364"   "3715244"   "3720515"   "3732792"   "3754913"   "3811855"   "3816222"   "3817730"   "3836348"   "381855"   "3816222"   "381730"   "3896016"   "39028282"   "3905791"   "3902882"   "3905791"   "3903809"   "3960560"   "3933609"   "3960560"   "3931227"   "391228"   "4017291")   FN. | US PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/02/26          |
| L25        | 1      | 24 and (optical with<br>(information or data or stor<br>\$3))                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/02/26<br>19:19 |
| S1         | 1      | 10/531962.app.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT           | OR | ON | 2008/02/11<br>16:10 |
| S2         | 3      | ("5078771" "4782006"<br>"4304848").pn.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT           | OR | ON | 2008/02/11<br>16:28 |
| <b>S</b> 3 | 125420 | ((inofrmation or record\$3<br>or laser) near5 (media or<br>medium or dis\$2)).ti,ab,<br>olm.                                                                                                                                                                                                                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT           | OR | ON | 2008/02/12<br>11:38 |
| S4         | 86003  | S3 and @ad<"20030812"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | US-PGPUB;<br>USPAT           | OR | ON | 2008/02/12<br>11:39 |
| S5         | 521    | S4 and ((reduce or reduction) near3 (ion or metal))                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT           | OR | ON | 2008/02/12<br>11:39 |
| S6         | 165    | S5 and ((ion or metal)<br>near3 (record\$3))                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT           | OR | ON | 2008/02/12<br>11:40 |
| S7         | 5      | S6 and (laser near3 (reduce or reduction))                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT           | OR | ON | 2008/02/12<br>11:44 |

| S8  | 29  | S4 and ((reduce or reduction) near5 ("metal ion" or "metal ions"))                               | US-PGPUB;<br>USPAT | OR | ON | 2008/02/12<br>11:49 |
|-----|-----|--------------------------------------------------------------------------------------------------|--------------------|----|----|---------------------|
| S9  | 20  | S8 and (laser or light)                                                                          | US-PGPUB;<br>USPAT | OR | ON | 2008/02/12<br>11:51 |
| S10 | 8   | S8 and laser                                                                                     | US-PGPUB;<br>USPAT | OR | ON | 2008/02/12<br>11:51 |
| S11 | 8   | S4 and ("recording layer"<br>near3 ("metal ion" or<br>"metal ions"))                             | US-PGPUB;<br>USPAT | OR | ON | 2008/02/12<br>11:55 |
| S12 | 15  | S4 and ("recording layer"<br>near5 ("metal ion" or<br>"metal ions"))                             | US-PGPUB;<br>USPAT | OR | ON | 2008/02/12<br>12:01 |
| S13 | 7   | S12 not S11                                                                                      | US-PGPUB;<br>USPAT | OR | ON | 2008/02/12<br>12:01 |
| S14 | 0   | S4 and ("donor layer"<br>near3 ("metal ion" or<br>"metal ions"))                                 | US-PGPUB;<br>USPAT | OR | ON | 2008/02/12<br>12:04 |
| S15 | 0   | S4 and (donor near3<br>("metal ion" or "metal<br>ions"))                                         | US-PGPUB;<br>USPAT | OR | ON | 2008/02/12<br>12:05 |
| S16 | 18  | S4 and (donor near3<br>(ion))                                                                    | US-PGPUB;<br>USPAT | OR | ON | 2008/02/12<br>12:05 |
| S17 | 855 | S4 and (("CO.sub.2" or<br>"carbon dioxide") near3<br>laser)                                      | US-PGPUB;<br>USPAT | OR | ON | 2008/02/12<br>12:09 |
| S18 | 19  | S17 and "metal ions"                                                                             | US-PGPUB;<br>USPAT | OR | ON | 2008/02/12<br>12:10 |
| S19 | 19  | S17 and (metal adj ion)                                                                          | US-PGPUB;<br>USPAT | OR | ON | 2008/02/12<br>12:10 |
| S20 | 22  | S4 and (("CO.sub.2" or<br>"carbon dioxide") near3<br>(record\$3 or reproducing<br>or retrieval)) | US-PGPUB;<br>USPAT | OR | ON | 2008/02/12<br>12:13 |
| S21 | 0   | S20 and (metal adj ion)                                                                          | US-PGPUB;<br>USPAT | OR | ON | 2008/02/12<br>12:14 |
| S22 | 0   | S20 and (metal near3 ion)                                                                        | US-PGPUB;<br>USPAT | OR | ON | 2008/02/12<br>12:14 |
| S23 | 1   | "4811289".pn.                                                                                    | US-PGPUB;<br>USPAT | OR | ON | 2008/02/12<br>13:41 |
| S24 | 125 | bouldin.in.                                                                                      | US-PGPUB;<br>USPAT | OR | ON | 2008/02/12<br>17:03 |
| S25 | 0   | S24 and "filimentary<br>silver"                                                                  | US-PGPUB;<br>USPAT | OR | ON | 2008/02/12<br>17:03 |
| S26 | 19  | S24 and "filamentary<br>silver"                                                                  | US-PGPUB;<br>USPAT | OR | ON | 2008/02/12<br>17:04 |

| S27         | 1   | "5078771".pn. and analog                                                                      | US-PGPUB;<br>USPAT | OR | ON | 2008/07/29<br>11:33 |
|-------------|-----|-----------------------------------------------------------------------------------------------|--------------------|----|----|---------------------|
| S28         | 1   | "5078771".pn. and (reduction with heat\$3)                                                    | US-PGPUB;<br>USPAT | OR | ON | 2008/07/29<br>11:35 |
| S29         | 1   | "5078771".pn. and<br>(transform\$5)                                                           | US-PGPUB;<br>USPAT | OR | ON | 2008/07/29<br>11:36 |
| S30         | 1   | "5078771".pn. and<br>(reducing reduced<br>reduction reduce)                                   | US-PGPUB;<br>USPAT | OR | ON | 2008/07/29<br>11:36 |
| S31         | 1   | "5078771".pn. and<br>((reducing reduced<br>reduction reduce) same<br>(heat or thermal))       | US-PGPUB;<br>USPAT | OR | ON | 2008/07/29<br>11:38 |
| S32         | 1   | "5078771".pn. and<br>((reducing reduced<br>reduction reduce) same<br>(heat\$3 or thermal\$2)) | US-PGPUB;<br>USPAT | OR | ON | 2008/07/29<br>11:38 |
| S33         | 132 | bouldin.in.                                                                                   | US-PGPUB;<br>USPAT | OR | ON | 2009/02/25<br>13:42 |
| S34         | 20  | S33 and ("430"/\$.ccls.)                                                                      | US-PGPUB;<br>USPAT | OR | ON | 2009/02/25<br>13:42 |
| <b>S3</b> 5 | 1   | "6348604".pn.                                                                                 | US-PGPUB;<br>USPAT | OR | ON | 2009/02/25<br>17:25 |

2/26/2009 8:35:04 PM

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